

SWRI STEM SUPPORT

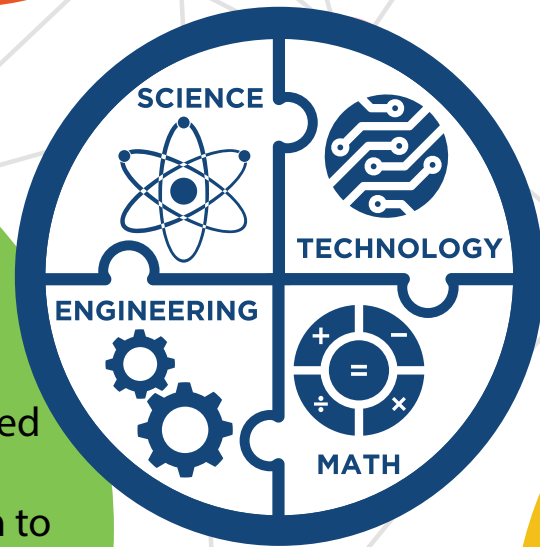
Southwest Research Institute focuses its community outreach efforts to support science, technology, engineering and mathematics (STEM) education, particularly for underrepresented populations. SwRI has collaborated with Community of Churches for Social Activism to provide renewable scholarships and internships to students who live in underserved communities. Other STEM support includes tours, judging science fairs, participating in career days, developing STEM curriculum and mentoring students and teachers.



Young Engineers & Scientists (YES)

- 30 years
- 13-day YES program
- 1-year mentoring
- 23 students in 2024

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Internships

- 181 student hires in 2024, including:
 - 38 graduate students
 - 6 NASA MUREP (Minority University Research and Education Project) interns
 - 19 SA WORX interns
 - 10 NASA Europa ICONS (Inspiring Clipper: Opportunities for Next-generation Scientists) interns
- 9 postdoctoral researchers
- Shell Eco-Marathon internship (see story p. 10)

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Student tours/presentations

- High schools
- Undergrads
- Graduate students
- Student engineering societies
- Community organizations

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Robotics competitions

- SA BEST (Boosting Engineering, Science and Technology)
 - >30 years
 - SwRI-chartered
 - ±15 staff/retiree volunteers
 - Board representatives
- FIRST (For Inspiration and Recognition of Science and Technology) Robotics
 - Staff mentors

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Mentoring

- Big Brothers, Big Sisters program
- Individual matches
- Supporting girls in STEM
- Teacher mentoring
- NSITE high school

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Great American eclipse outreach

- >25 events
- >20 staff involved
- >13,000 eclipse glasses supplied
- 100,000 mission-themed pinhole projectors distributed
- CATE 2024 outreach (see story p. 2)

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